

CALCIUM INDEPENDENT PHOSPHOLIPASE A₂γ POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS THEREFOR

ABSTRACT OF THE DISCLOSURE

A novel human phospholipase, iPLA₂γ (iPLA₂γ), is described and characterized. The complete genomic organization, complete nucleic acid sequence, and amino acid sequence have been identified. The sn-2-lipase activity of iPLA₂γ is also described. In addition, utilitarian methods for detecting and monitoring patient levels of iPLA₂γ are described, as well as methods for treating disease conditions by modulating the activity of iPLA₂γ.